



DEPARTMENT OF THE NAVY
COMMANDER NAVAL AIR FORCE
UNITED STATES PACIFIC FLEET
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Canc frp: AUG 02

COMNAVAIRPACNOTE 13051
N421C


SEP 27 2001

COMNAVAIRPAC NOTICE 13051

Subj: AIRCRAFT CONFIGURATION LISTING FOR PACIFIC FLEET H-46 AIRCRAFT

Encl: (1) H-46 Aircraft Baseline Configuration 1st

1. Purpose. To promulgate an aircraft baseline configuration list for H-46 aircraft
2. Cancellation. COMNAVAIRPACINST 13051.2
3. Scope. This instruction applies to all COMNAVAIRPAC activities having reporting custody of H-46 aircraft. Other activities may be tasked to comply with this instruction as directed by either this headquarters, functional wing commanders or operational commanders.
4. Discussion
 - a. Achieving the highest possible force readiness and operational capability requires periodic modification of aircraft/equipment. Because all Type/Model/Series (TMS) aircraft are seldom modified simultaneously, two or more major aircraft configurations may be operational at any given time. Despite this, it is possible to maintain substantial similarity between TMS aircraft, provided a baseline configuration is maintained. Enclosure (1) promulgates the baseline configuration for the H-46 aircraft. Airframe changes and equipment items not included in the baseline have either been incorporated in all aircraft or are not required for baseline purposes.
 - b. Operating activities occasionally require more specific configuration guidance than the baseline provides. Normally, those requirements are generated by operational tasking and/or logistics considerations. In those instances, COMNAVAIRPAC will issue configuration directives which supplement enclosure (1) and provide more specific guidance.
5. Action. Commanding officers of activities having reporting custody of H-46 aircraft shall configure aircraft in accordance with enclosure (1), to the extent material/support exists and no incorporation/retrofit restrictions apply. Recommended changes to the baseline shall be forwarded to COMNAVAIRPAC, via the appropriate chain of command.
6. Cancellation Contingency. This notice is cancelled upon receipt of revised notice of the same subject.


M. L. PURCELL
Chief of Staff

Distribution:
SNDL Parts 1 and 2 (PACFLT only, unless otherwise indicated.)

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21A2	CINCPACFLT
24J2	Fleet Marine Force Command
31H2	Amphibious Assault Ship
42A2	Fleet Air Commands
42B2	Type Wing Commander
46B	Marine Aircraft Wing
42U2	Helicopter Combat Support Squadron
46C1	Marine Aircraft Group
46P2	Marine Helicopter Squadron
FB7	Naval Air Station
V5	Marine Corps Air Station

Stocked:

COMNAVAIRPAC (N004)

SEP 27 2001H-46 AIRCRAFT BASELINE CONFIGURATION LIST

PART I

Engines

T-58-GE-402	C/H/UH-46D	Two per aircraft
T-58-GE-16	CH-46E	Two per aircraft

Fuel

Afloat	JP-5
Shore	JP-4/JP-5/JP-8

PART II Technical directives to be incorporated in equipment

<u>AFC</u>	<u>Description</u>	<u>HH-46D</u>	<u>CH-46D</u>	<u>UH-46D</u>	<u>CH-46E</u>
266	Hydraulic Flight Control Closest Armor				X
273	Rem Particle Sep/Instl Restr Kit/Orig Heat		X	X	X
337	Elect Light Circuit Breaker Replace	X	X	X	X
356	Low Altitude Warning		X	X	X
374	Cockpit Lighting/Combat with NVG's				X
376	Engine Condition Control Sys Improve	X	X	X	X
378	Engine Lubrication System Mod		X	X	X
379	Increase Fuel Capacity Stubwing				X
403	Auxiliary Power Unit Tailpipe Extension	X	X	X	X
413	Emergency Throttle Sys Circuit Mod	X	X	X	X
433	Upgraded Forward and Aft Rotor Heads	X	X	X	X
435	R/H Universal Gun Mount/Clearance				X
436	Replace Brake/Assembly Bleed Fittings	X	X	X	X
438	Search & Landing Light Assy	X	X	X	X
439	Night Vision Goggle Head-Up Display				X
441	AN/ARC-210 Radio Set				X
442	Deactivation of Helo Emergency Flotation	X	X	X	X
443	Install Communication Nav Control Sys				X
444	Infrared/Position Light Install	X	X	X	X
445	Foot Actuated Intercommunications Set Radio	X	X	X	X
446	Armored Seat Upper Panel Release Mechanism				X
447	Rotor Brake Circuit Mod	X	X	X	X
449	Utility Hydraulic/Oil Cooler Circuit				X
450	Utility Hydraulic Power System	X	X	X	X
451	Infrared Anti-Collision Lights	X	X	X	X
452	Removal of ECA Stop Bracket				X
453	Automatic Flight Control System	X	X	X	X
454	T58-GE-402 Engines	X	X	X	
455	Trimble Trimpack Global Positioning Sys	X	X	X	X
456	Helo Emergency Egress Lighting Sys (HEELS)	X	X	X	X
457	Remove Foam in Extended Range Stubwings				X
458	Kickguard for Cargo Hook Safety Lock Light	X	X	X	X
461	Engine Exhaust/Device System Deactivation				X
462	Replace Fire Bottle Discharge Tube	X	X	X	X
463	Auxiliary Power Plant Aft Support Mod	X	X	X	X
464	Camloc Receptable Right Side Fairing Assy				X
465	Mounting of Utility Hydraulic Oil Cooler				X
466	Longitudinal Cycle Trim Act. Blade Fold	X	X	X	X
467	LH Static Ports, Relocate 1 and 2 Ports	X		X	
468	Chadwick Helmuth 8500C Track/Bal Supt Equip	X	X	X	X

Enclosure (1)

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<u>AFC</u>	<u>Description</u>	<u>HH-46D</u>	<u>CH-46D</u>	<u>UH-46D</u>	<u>CH-46E</u>
469	Secondary Console Light Installation	X	X	X	X
470	ICS Crewman/Radio Monitor Capabilities	X	X	X	X
471	Install Wingow on Emerg Escape Hatch		X	X	X
472	Helo Emerg Flotation Sys Master Arm Switch	X	X	X	X
473	Lighting Transformer Pri Circuit Brkr	X	X	X	
474	H-46 Attitude Heading Ref Sys Upgrade				X
475	H-46 EEDS Components and Hyd Tubing, Removal				X
476	H-46 Sliding Rescue Hatch Door Assembly	X	X	X	X
478	H-46D Cockpit Lighting for Comp with NVG	X	X	X	
479	Install of Ground Proximity Warning Sys				X
480	Removal of AN/APN-154 Radar Beacon Equipment	X	X	X	X
482	Aux Pwr Cntl Panel Assy, Battery Switch Rpmnt	X	X	X	X
483	CH/UH/HH-46D Utility Hydraulic Pump, Install	X	X	X	
484	CH-46E Utility Hydraulic Pump, Install				X
485	AN/ALE-39 Lighting Wire				X
486	Engine Starting Circuit	X	X	X	
487	Horizontal Hvr/Situation Indicator				X
488	Hydraulic return Filter Mount	X	X	X	
489	Automatic Flt Control Sys, Deactivation				X
490	Engine Condition Control Box	X	X	X	
491	AN/PSN-11 Precision Ltwt GPS Rcvr	X	X	X	
492	New Engine Wash Lines, Install				X
497	Drains in H-46D Stubwings	X	X	X	
498	Aft Trans Lubrication Return Line	X	X	X	X
500	MD-1 Gyro Soft-Mount Install	X	X	X	X

PART III

Avionics Equipment

<u>NOMENCLATURE</u>	<u>EQUIPMENT AND REMARKS</u>	<u>HH-46D</u>	<u>CH-46D</u>	<u>UH-46D</u>	<u>CH-46E</u>
AN/AAR-47	IR Warning Receiver				X
AN/AIC-14	Intercom Set	X	X	X	X
AN/ALE-39(V)	CM Dispenser, CHAFF				X
AN/ALQ-157(V) 1	Infrared (IR) Jammer				X
AN/APN-154(V)	Radar Beacon	X	X	X	X
AN/APN-171	Radar Altimeter(LO)				X
AN/APN-171(V) 1	Radar Altimeter Set	X	X	X	X
AN/APN-182A(V)	Radar Navigation Set	X			
AN/APN-217(V)	Doppler Radar Navigation Set				X
AN/APX-72	IFF Transponder Set	X	X	X	X
AN/ARC-51A	UHF Radio		X	X	X
AN/ARC-94	HF Radio	X	X	X	X
AN/ARC-182(V)	VHF/UHF Radio	X	X	X	X
AN/ARC-210(V)	VHF-FM Radio A/J				X
AN/ARA-25A	Auto Direction Finder	X	X	X	X
AN/ARN-118(V)	Nav Receiver (TACAN)	X	X	X	X
AN/ARN-148	Nav Receiver (OMEGA)				X
AN/ARN-59(V)	Auto Direction Finder (LF)	X	X	X	X
AN/APR-39(V) 1	Radar Warning Receiver				X
AN/APR-39(V) 2	Radar Warning Receiver				X
AN/ASN-163	Global Positioning Sys (GPS)MAGR				X
AN/ASN-169	Lightweight GPS Rcvr	X	X		
AN/ASQ-177(V)	Pos Location Report Sys				X
AN/ASQ-215	Digital Data Set				X

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a. Avionics Equipment (cont.)

<u>NOMENCLATURE</u>	<u>EQUIPMENT AND REMARKS</u>	<u>HH-46D</u>	<u>CH-46D</u>	<u>UH-46D</u>	<u>CH-46E</u>
AN/AVS-6(V)1	Night Vision Goggles				X
AN/AVS-7	Night Vision Goggles/HUD				X
C-12284/A	Control-Display Nav Unit				X
C-12420/A	Control, Radio Set				X
C-12421/A	Control, Radio Set				X
C-6280(P)/APX	Control, Transponder	X	X	X	X
J-6250/A	Interface Unit				X
KIT-1C/TSEC	Computer, Interrogator	X	X	X	X
KY-58/TSEC	Secure Voice Equipment (UHF)	X	X	X	X
LTN-211	Nav Receiver(OMEGA/VLF)				X
TS-1843/APX	Test Set, Transponder	X	X	X	X
VHF (FM)	VHF-FM Radio				X

b Electrical Equipment

<u>NOMENCLATURE</u>	<u>EQUIPMENT AND REMARKS</u>	<u>HH-46D</u>	<u>CH-46D</u>	<u>UH-46D</u>	<u>CH-46E</u>
9813-16	Indicator, Bearing (BDHI)				X
9819-38	Indicator, Attitude (ADI)				X
A-13A	Dual Clock	X	X	X	X
A/A24G-51	Attitude Heading Reference Sys				X
AAU-21/A	Altimeter, Encoding	X	X	X	X
AAU-24/A	Altimeter	X	X	X	X
ABU-11/A	Aircraft Mechanical Clock	X	X	X	X
AFCS (H46)	Automatic Flight Control System	X	X	X	X
ID-2529/A	Indicator, Navigational Hover				X
ID-387/ARN	Indicator, Course	X	X	X	
ID-663/U	Indicator, Bearing (BDHI)	X	X	X	X
MA-1	Compass System	X	X	X	
MB-1	Compass, Magnetic (STBY)	X	X	X	X
MD-1	Gyro, Displacement	X	X	X	X
ML-1	Transmitter, Compass	X	X	X	X
MM-4A	Attitude Indicator	X	X	X	X
MS28021-1	Airspeed Indicator	X	X	X	X
MS28041-2A	Turn/Slip/Bank Indicator	X	X	X	
MS28075-1B	Vertical Velocity Indicator	X	X	X	X
TAS-2600	True Airspeed System				X
VGS	Gyro System, Vertical	X	X	X	X
Int Lights	NVG Compatible Cockpit Lighting				X
A02SK127	PA System	X			